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**Figure 1: 1<sup>st</sup> generation of production clones of TNFRII-Fc and TNFRII-**

**Fc-IL1ra chimera: 24-well plate expression in serum-free medium**

In-house TNFRII-Fc

TNFRII-Fc-IL-1ra chimera

TNFRII-Fc marketed.

Albumin

Direct CM protein Coomassie blue staining to visualize the protein products

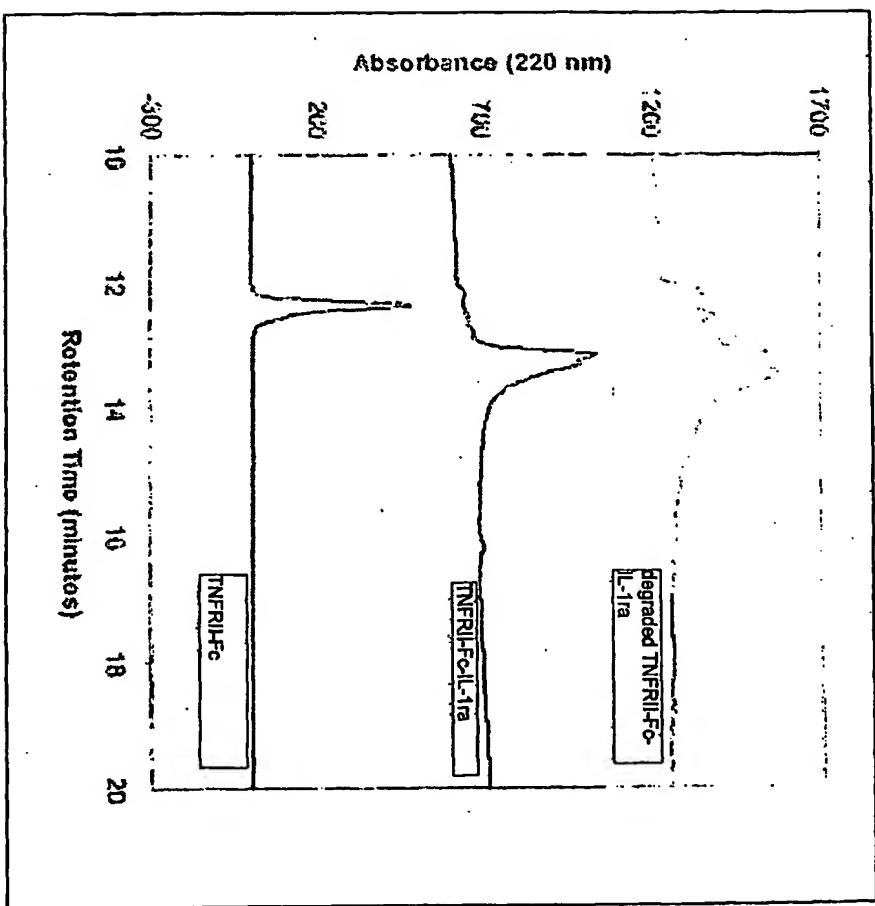
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**Figure 2: Affinity purification of chimeric TNFRII-Fc-II-1ra**

Non-reduced  
Reduced

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**Figure 3:** An example of our troubleshooting capability: reducing a degradation problem for chimeric TNFRII-Fc-IL-1ra by altering the first purification step: HPLC analysis of intact and partially degraded chimeric TNFRII-Fc-IL-1ra with TNFRII-Fc control.



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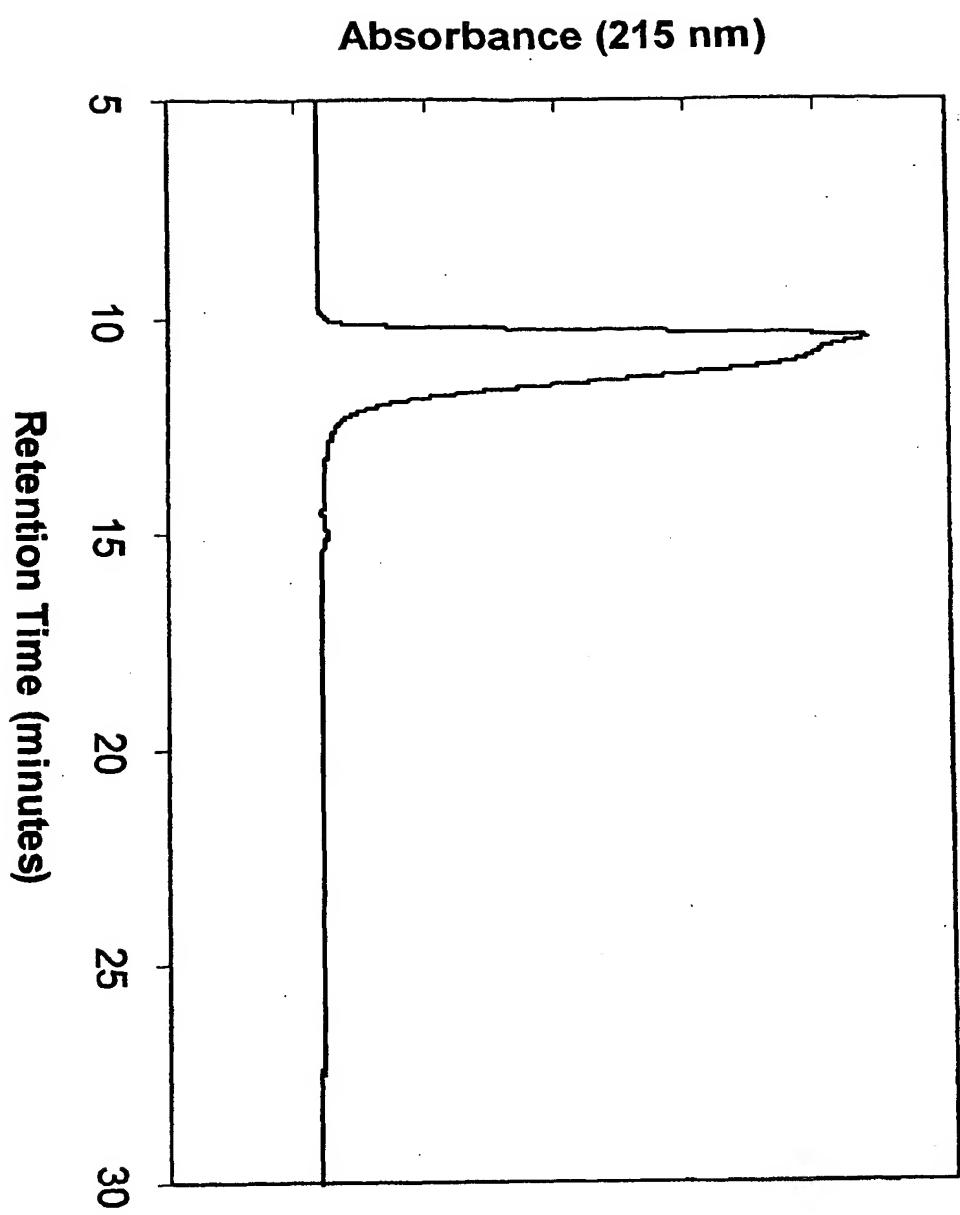
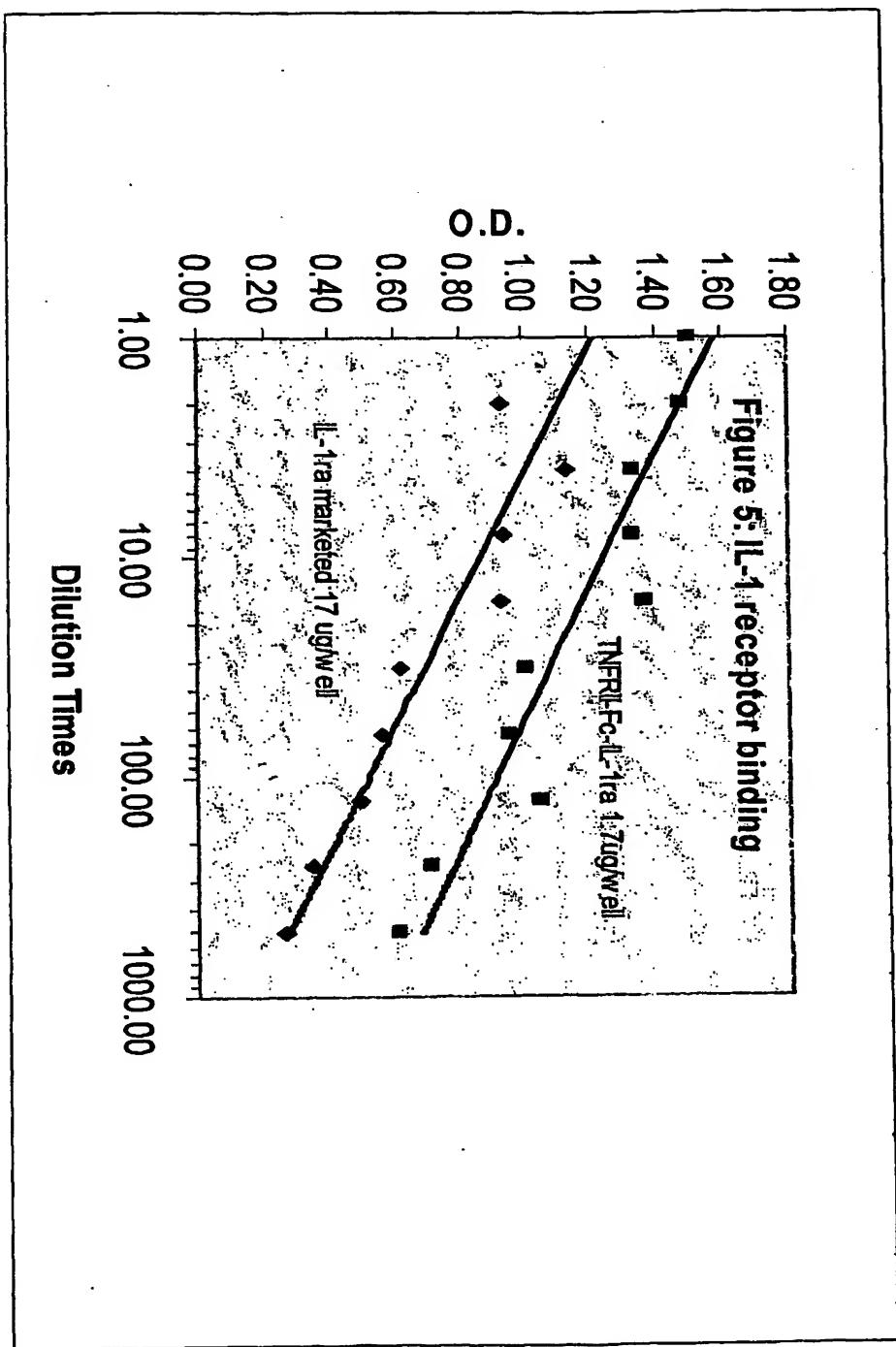


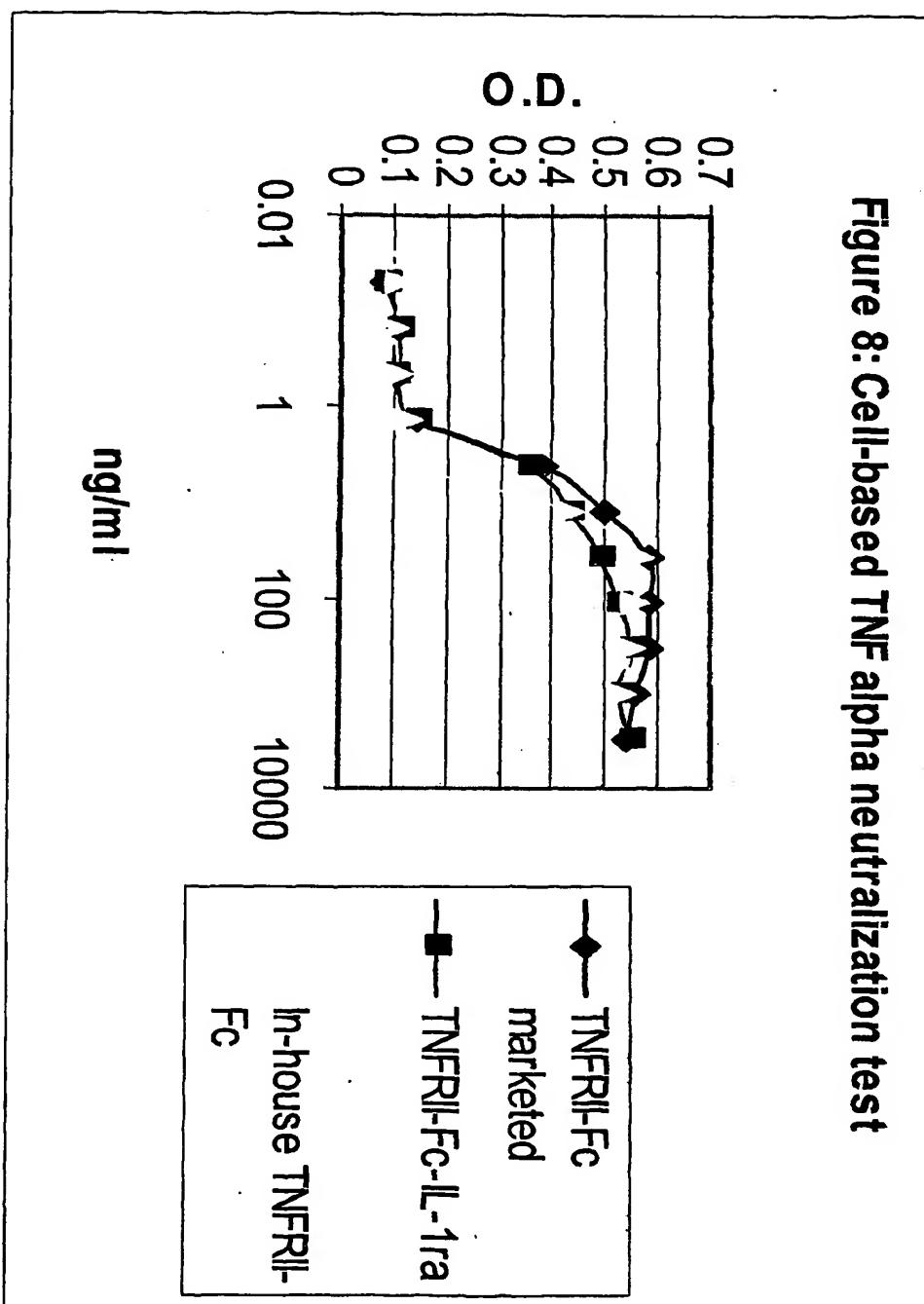
Figure 4: SEC-HPLC analysis of TNFRII-Fc-IL-1ra after formulation and lyophilization

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Figure 8: Cell-based TNF alpha neutralization test



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Figure 9: Cell-based IL-1 neutralization test

